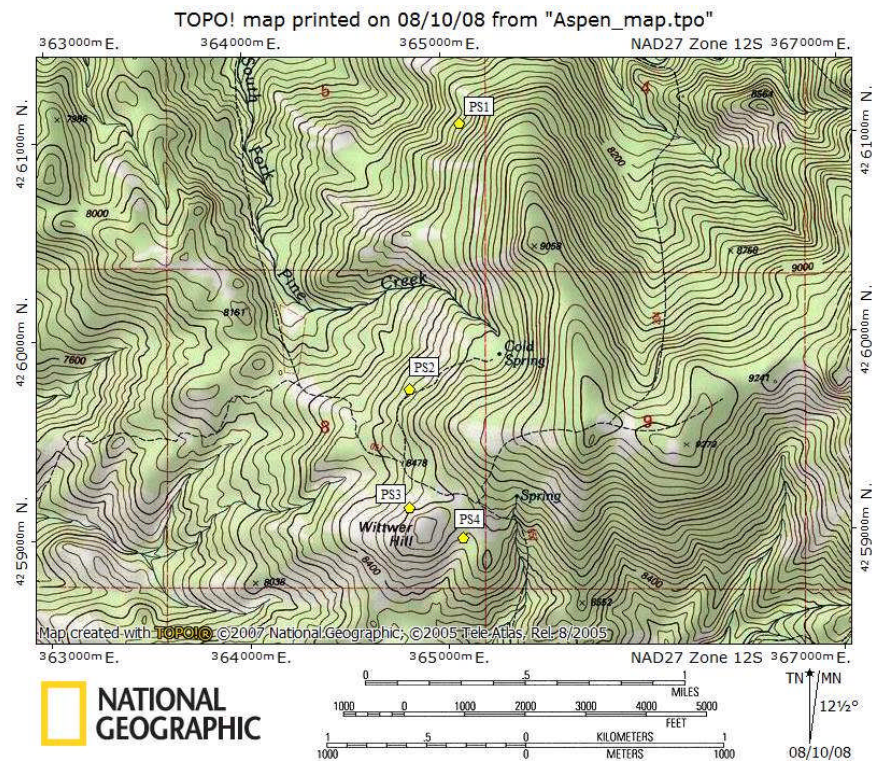# Pine Creek/Sulphurbeds Aspen Stand #2 (PS2)
July 14, 2008

Pine Creek/Sulphurbeds #2 is located on the northwest facing slope of the ridge to the north of Wittwer Hill. An ATV track runs through the middle of the stand (Fig. 1). Due to time constraints no browse transects were conducted in the stand, instead we conducted two aspen stand structure assessments (circle plots). In contrast to aspen stands (PS1, PS3, PS4) on Wittwer Hill which are lacking multiple height classes, PS2 is in relatively good shape and multiple height classes are represented in the stand (Figs. 2-3). Mature, recruitment and young aspen are all present. Despite the diversity of height classes, according to the structure plot data, it is a single-tier stand. The diversity of age classes in the stand could be due to lack of frequent ungulate access, e.g., the steep slope (8˚) or downed logs. Cattle are scheduled to be in the Pine Creek pasture from June 16th until August 15th. Cattle were seen within 500' of the stand on the day of the survey.

Pine Creek/Sulphurbeds #2 (PS2)	July 14, 2008 Martin/David
Fishlake NF/Beaver RD	**Allotment:** Pine Creek/Sulphurbeds **Pasture:** Pine Creek

GPS: 12S E 0364825
       N 4259727
       NAD CONUS 27
	Elevation: 8,510'

Aspect: Northwest	**Animal sign:** Elk, cattle (sparse)

Dominant vegetation: Aspen, snowberry, rose, Oregon grape, vetch sp., horse mint, *Mertensia* sp., chokecherry, *Osmorrhiza berteroi*.

Other notes: No conifers within the two circle plots, but a few were present in the stand. There is a lot of deadfall throughout the stand. The understory is dominated by forbs and there is virtually no grass (Figs. 4,6).

	% cover overstory aspen	% cover recruitment trees	% cover understory trees	% overstory trees senescent
Plot 1	70	5	6	10
Plot 2	55	20	25	0
Average	62.5	12.5	15.5	5

Pine Creek / Sulpurbeds #2 — Aspen Stand Structure

Single-tier stand

Fig. 1. ORV track running through the middle of the stand.

Fig. 2. PS2: Mature overstory, recruitment and young aspen.

Fig. 3. Plot 1: Mature overstory, sparse recruitment and regeneration aspen.

Fig. 4. Plot 1: Forb-dominated ground cover; almost no grasses in the stand.

Fig. 5. Plot 1: Dense canopy.

Fig. 6. Plot 2: Forb-dominated ground cover.

Fig. 7. Canopy: Mature overstory trees in plot 2.